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OM protein - protein search, using sw model

Run on: September 4, 2002, 16:11:00 ; Search time 99.82 Seconds  
(without alignments)  
53.833 Million cell updates/sec

Title: US-09-052-089A-4  
1075  
Sequence: 1 KTIINKLFFDLAQEEENVLD.....DLQSDQETISLRKSDPP 220

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 231628 seqs, 24425594 residues

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database :

Issued\_Patents\_AA:\*  
1: /cgn2\_6/ptodata/2/1aa/5A\_COMB.pep:\*  
2: /cgn2\_6/ptodata/2/1aa/5B\_COMB.pep:\*  
3: /cgn2\_6/ptodata/2/1aa/6A\_COMB.pep:\*  
4: /cgn2\_6/ptodata/2/1aa/6B\_COMB.pep:\*  
5: /cgn2\_6/ptodata/2/1aa/PCTUS\_COMB.pep:\*  
6: /cgn2\_6/ptodata/2/1aa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1075	100.0	220	US-09-052-089A-4	Sequence 4, Appl
2	1075	100.0	470	US-09-052-089A-2	Sequence 2, Appl
3	920	85.6	469	US-08-968-751-2	Sequence 2, Appl
4	906	84.3	220	US-09-052-089A-3	Sequence 3, Appl
5	906	84.3	469	US-09-052-089A-1	Sequence 1, Appl
6	171	15.9	2482	US-08-328-254-6	Sequence 6, Appl
7	171	15.9	3248	US-08-353-700-1	Sequence 1, Appl
8	171	15.9	3248	PCT-US95-16216-1	Sequence 1, Appl
9	168	15.6	576	US-08-533-306A-2	Sequence 2, Appl
10	168	15.6	576	US-08-742-923A-2	Sequence 2, Appl
11	168	15.6	816	US-08-533-306A-6	Sequence 6, Appl
12	168	15.6	816	US-08-742-923A-6	Sequence 6, Appl
13	168	15.6	885	US-08-533-306A-4	Sequence 4, Appl
14	168	15.6	885	US-08-742-923A-4	Sequence 4, Appl
15	154	14.3	896	US-08-095-737-2	Sequence 2, Appl
16	154	14.3	896	US-08-480-145-2	Sequence 2, Appl
17	154	14.3	896	US-08-477-389-2	Sequence 2, Appl
18	153	14.2	414	PCT-US93-03077-3	Sequence 3, Appl
19	153	14.2	1093	PCT-US93-03077-1	Sequence 1, Appl
20	151.5	14.1	1090	US-09-085-199B-5	Sequence 5, Appl
21	150.5	14.0	914	US-09-085-199B-4	Sequence 4, Appl
22	150	14.0	976	US-09-104-324B-4	Sequence 4, Appl
23	146.5	13.6	443	US-08-795-475-6	Sequence 6, Appl
24	146	13.6	1939	US-09-310-187A-1	Sequence 1, Appl
25	144	13.4	2101	US-08-466-390-4	Sequence 4, Appl
26	144	13.4	2101	US-08-470-950-4	Sequence 4, Appl
27	144	13.4	2101	US-08-467-781-4	Sequence 4, Appl

28	144	13.4	2101	1	US-08-195-487-4	Sequence 4, Appl
29	144	13.4	2101	2	US-08-483-924-4	Sequence 4, Appl
30	144	13.4	2101	4	US-09-452-794-1	Sequence 1, Appl
31	144	13.4	2101	5	PCT-US93-06160-4	Sequence 4, Appl
32	143	13.3	1886	2	US-08-938-105-3	Sequence 3, Appl
33	142	13.2	1388	4	US-08-685-576-4	Sequence 4, Appl
34	140.5	13.1	386	4	US-09-085-199B-2	Sequence 2, Appl
35	140	13.0	1388	4	US-09-572-191-2	Sequence 2, Appl
36	139	12.9	316	4	US-08-098-327E-31	Sequence 31, Appl
37	139	12.9	316	4	US-08-462-625-31	Sequence 31, Appl
38	138	12.8	897	1	US-08-095-737-4	Sequence 1, Appl
39	138	12.8	897	1	US-08-480-145-4	Sequence 4, Appl
40	138	12.8	897	2	US-08-477-389-4	Sequence 4, Appl
41	138	12.8	1388	2	US-08-685-576-1	Sequence 1, Appl
42	135	12.6	712	2	US-08-468-576B-17	Sequence 17, Appl
43	135	12.6	712	2	US-08-468-579B-17	Sequence 17, Appl
44	135	12.6	712	3	US-08-468-577B-17	Sequence 17, Appl
45	131.5	12.2	376	6	5180810-1	Patent No. 5180810

#### ALIGNMENTS

RESULT 1  
US-09-052-089A-4  
Sequence 4, Application US/09052089A  
Patent No. 6346605  
GENERAL INFORMATION:  
APPLICANT: Lee, Soo Y.  
Choi, Yongwon  
TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER FAMILY, AND USES THEREOF  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: David A. Jackson, Esq.  
STREET: 411 Hackensack Ave, Continental Plaza, 4th Floor  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/052,089A  
FILING DATE: 31-Mar-1998  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-487-5800  
TELEFAX: 201-343-1684  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 220 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHEICAL: NO  
FRAGMENT TYPE: Internal  
ORIGINAL SOURCE:  
ORGANISM: mouse  
SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
US-09-052-089A-4  
Query Match 100.0%; Score 1075; DB 4; Length 220;

Best Local Similarity 100.0%; Pred. No. 2,1e-83;  
Matches 220; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KTIINKLFFDLAQBEEENVLDIAEFLKNELDVSKAQLSOKDRKRDQAIIIDTLRDTLEERN 60  
DB 1 KTIINKLFFDLAQBEEENVLDIAEFLKNELDVSKAQLSOKDRKRDQAIIIDTLRDTLEERN 60  
QY 61 ATVESLQNALNKAEMLCSTLKKOMKFLBQRODETKQAREEARHLCKMKTMEQIELLQS 120  
DB 61 ATVESLQNALNKAEMLCSTLKKOMKFLBQRODETKQAREEARHLCKMKTMEQIELLQS 120  
QY 121 ORSEVEEMIRDMGVGQSAVEQLAVYCVSLKKEYENLKEARKATGELADRLKDLVSSRSK 180  
DB 121 ORSEVEEMIRDMGVGQSAVEQLAVYCVSLKKEYENLKEARKATGELADRLKDLVSSRSK 180  
QY 181 LKTLNTELDQAKLELRSQKDLQSDAQETTSLRKSDPP 220  
DB 181 LKTLNTELDQAKLELRSQKDLQSDAQETTSLRKSDPP 220

## RESULT 2

US-09-052-089A-2

Sequence 2, Application US/09052089A

Patent No. 6346605

GENERAL INFORMATION:

APPLICANT: Lee, Soo Y.

Choi, Yongwon

TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER

FAMILY, AND USES THEREOF

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: David A. Jackson, Esq.

STREET: 411 Hackensack Ave, Continental Plaza, 4th

Floor

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/052,089A

FILING DATE: 31-Mar-1998

CLASSIFICATION: &lt;Unknown&gt;

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-487-5800

TELEFAX: 201-343-1684

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 470 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

HYPOTHETICAL: NO

FRAGMENT TYPE: &lt;Unknown&gt;

ORIGINAL SOURCE:

ORGANISM: mouse

SEQUENCE DESCRIPTION: SEQ ID NO: 2:

US-09-052-089A-2

Query Match 100.0%; Score 1075; DB 4; Length 470;  
Best Local Similarity 100.0%; Pred. No. 5.3e-83;  
Matches 220; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KTIINKLFFDLAQBEEENVLDIAEFLKNELDVSKAQLSOKDRKRDQAIIIDTLRDTLEERN 60  
DB 56 KTIINKLFFDLAQBEEENVLDIAEFLKNELDVSKAQLSOKDRKRDQAIIIDTLRDTLEERN 115  
QY 61 ATVESLQNALNKAEMLCSTLKKOMKFLBQRODETKQAREEARHLCKMKTMEQIELLQS 120  
DB 116 ATVESLQNALNKAEMLCSTLKKOMKFLBQRODETKQAREEARHLCKMKTMEQIELLQS 175  
QY 121 ORSEVEEMIRDMGVGQSAVEQLAVYCVSLKKEYENLKEARKATGELADRLKDLVSSRSK 180  
DB 176 ORSEVEEMIRDMGVGQSAVEQLAVYCVSLKKEYENLKEARKATGELADRLKDLVSSRSK 235  
QY 181 LKTLNTELDQAKLELRSQKDLQSDAQETTSLRKSDPP 220  
DB 226 LKTLNTELDQAKLELRSQKDLQSDAQETTSLRKSDPP 275

## RESULT 3

US-08-968-751-2

Sequence 2, Application US/08968751

Patent No. 5948643

GENERAL INFORMATION:

APPLICANT: Rubinfield, Bonnie

APPLICANT: Polakis, Paul G.

APPLICANT: Ligenfelter, Carol

APPLICANT: Vuong, Terilyn T.

TITLE OF INVENTION: MODULATORS OF BRCA1 ACTIVITY

NUMBER OF SEQUENCES: 6

CORRESPONDENCE ADDRESS:

ADDRESSEE: ONYX Pharmaceuticals, Inc.

STREET: 3031 Research Drive

CITY: Richmond

STATE: CA

COUNTRY: USA

ZIP: 94806

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/968,751

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Giotta, Gregory

REGISTRATION NUMBER: 32,028

REFERENCE/DOCKET NUMBER: ONYX1024 GG

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 262-8710

TELEFAX: (510) 222-9758

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 469 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-968-751-2

Query Match 85.6%; Score 920; DB 2; Length 469;  
Best Local Similarity 87.0%; Pred. No. 5.7e-70;  
Matches 187; Conservative 18; Mismatches 10; Indels 0; Gaps 0;

QY 1 KTIINKLFFDLAQBEEENVLDIAEFLKNELDVSKAQLSOKDRKRDQAIIIDTLRDTLEERN 60  
DB 56 KTIINKLFFDLAQBEEENVLDIAEFLKNELDVSKAQLSOKDRKRDQAIIIDTLRDTLEERN 115  
QY 61 ATVESLQNALNKAEMLCSTLKKOMKFLBQRODETKQAREEARHLCKMKTMEQIELLQS 120  
DB 116 ATVESLQNALNKAEMLCSTLKKOMKFLBQRODETKQAREEARHLCKMKTMEQIELLQS 175  
QY 121 ORSEVEEMIRDMGVGQSAVEQLAVYCVSLKKEYENLKEARKATGELADRLKDLVSSRSK 180

Db 176 QRPVEEMIRBMVGQSAVEQLAVYCVSLKKEYENLKEARKASGEVADKLKDLFFSSRSK 235  
QY 181 LKTLNTELDQAKLELRSQKDLQSDQDETTSLRK 215  
Db 236 LQTVYSELDOAKLELRSQKDLQSDQADEKIMSLSRK 270

## RESULT 4

US-09-052-089a-3  
; Sequence 3, Application US/09052089A  
; Patent No. 6346605  
; GENERAL INFORMATION:  
; APPLICANT: Lee, Soo Y.  
; Chai, Yongwon  
; TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNP RECEPTOR SUPER  
; FAMILY, AND USES THEREOF  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: David A. Jackson, Esq.  
; STREET: 411 Hackensack Ave, Continental Plaza, 4th  
; Floor  
; CITY: Hackensack  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07601  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/052,089A  
; FILING DATE: 31-Mar-1998  
; CLASSIFICATION: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jackson Esq., David A.  
; REGISTRATION NUMBER: 26,742  
; REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 201-487-5800  
; TELEFAX: 201-343-1684  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 220 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
; HYPOTHETICAL: NO  
; FRAGMENT TYPE: Internal  
; ORIGINAL SOURCE:  
; ORGANISM: Homo sapiens  
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
US-09-052-089a-3

Query Match 84.3%; Score 906; DB 4; Length 220;  
Best Local Similarity 86.0%; Pred. No. 3.5e-69;

Matches 185; Conservative 18; Mismatches 12; Indels 0; Gaps 0;

QY 1 KTIINKLFFDLAEEENVLDAEFLKNELDVSKAQLSQDKREKRSQAIITDILRLTLEERN 60  
Db 1 RTIINKLFFDLAEEENVLDAEFLKNELDVRAQLSQDKREKRSQAIITDILRLTLEERN 60  
QY 61 ATVSLQALNKAEMLSTLKKOMKFLERQRODETQAREEARHLCKKMTMEOIETLLQS 120  
Db 61 ATVSLQALNKAEMLSTLKKOMKFLERQRODETQAREEARHLCKKMTMEOIETLLQS 120  
QY 121 QRPVEEMIRBMVGQSAVEQLAVYCVSLKKEYENLKEARKATGELADRLKKDLVSSRSK 180  
Db 121 QLPVEEMIRBMVGQSAVEQLAVYCVSLKKEYENLKEARKASGEVADKLKDLFFSSRSK 180

QY 181 LKTLNTELDQAKLELRSQKDLQSDQDETTSLRK 215  
Db 181 LQTVYSELDOAKLELRSQKDLQSDQADEKIMSLSRK 215

## RESULT 5

US-09-052-089a-1  
; Sequence 1, Application US/09052089A  
; Patent No. 6346605  
; GENERAL INFORMATION:  
; APPLICANT: Lee, Soo Y.  
; Chai, Yongwon  
; TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNP RECEPTOR SUPER  
; FAMILY, AND USES THEREOF  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: David A. Jackson, Esq.  
; STREET: 411 Hackensack Ave, Continental Plaza, 4th  
; Floor  
; CITY: Hackensack  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07601  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/052,089A  
; FILING DATE: 31-Mar-1998  
; CLASSIFICATION: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jackson Esq., David A.  
; REGISTRATION NUMBER: 26,742  
; REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 201-487-5800  
; TELEFAX: 201-343-1684  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 469 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; HYPOTHETICAL: NO  
; FRAGMENT TYPE: <Unknown>  
; ORIGINAL SOURCE:  
; ORGANISM: Homo sapiens  
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
US-09-052-089a-1

Query Match 84.3%; Score 906; DB 4; Length 469;  
Best Local Similarity 86.0%; Pred. No. 8.6e-69;

Matches 185; Conservative 18; Mismatches 12; Indels 0; Gaps 0;

QY 1 KTIINKLFFDLAEEENVLDAEFLKNELDVSKAQLSQDKREKRSQAIITDILRLTLEERN 60  
Db 56 RTIINKLFFDLAEEENVLDAEFLKNELDVRAQLSQDKREKRSQAIITDILRLTLEERN 115  
QY 61 ATVSLQALNKAEMLSTLKKOMKFLERQRODETQAREEARHLCKKMTMEOIETLLQS 120  
Db 116 ATVSLQALNKAEMLSTLKKOMKFLERQRODETQAREEARHLCKKMTMEOIETLLQS 175  
QY 121 QRPVEEMIRBMVGQSAVEQLAVYCVSLKKEYENLKEARKATGELADRLKKDLVSSRSK 180  
Db 176 QLPVEEMIRBMVGQSAVEQLAVYCVSLKKEYENLKEARKASGEVADKLKDLFFSSRSK 235  
QY 181 LKTLNTELDQAKLELRSQKDLQSDQDETTSLRK 215  
Db 236 LQTVYSELDOAKLELRSQKDLQSDQADEKIMSLSRK 270

## RESULT 6

US-08-328-254-6  
; Sequence 6, Application US/08328254  
; Patent No. 5710022  
; GENERAL INFORMATION:  
; APPLICANT: Zhu, Xueliang  
; APPLICANT: Lee, Men-Hwa  
; TITLE OF INVENTION: A No. 5710022el Nuclear Mitotic Phosphoprotein  
; NUMBER OF SEQUENCES: 8  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell and Flores  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: USA  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/328,254  
; FILING DATE: 24-OCT-1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: US 08/141,239  
; FILING DATE: 22-OCT-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-CJ 1191  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-8949  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 2482 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-328-254-6

Query Match 15.9%; Score 171; DB 1; Length 2482;  
Best Local Similarity 24.3%; Pred. No. 4.2e-06;  
Matches 69; Conservative 51; Mismatches 96; Indels 68; Gaps 9;  
QY 1 KTIINKLFFDLAQEEEN-----VLDAPLKNELDSVKAQL-----SQK 38  
DB 1521 KDKVENLEBERLQWSEENGLVLDAPNSKAQVETLKTQIEEMARSLKVFELDLVTLRSK 1580  
QY 39 D-----REKRDQAIIIDTLRDTL-----EERNATVESIQNALINKAEMLC 77  
DB 1581 ENLTKQIQEQKQQLSELKLSFKSLSEKQQAETIQIEESKTVAVEMQNLKELNEAV 1640  
QY 78 STL---KROMKFLQGRD---ETKQARDEAHLKCKMKTMEQIELLQSQRS----- 124  
DB 1641 AALCGDQIMKATQESLPLPIEEHQLRNSIEKLRLARLEADEKKQOLCVLQQLKESEHND 1700  
QY 125 -----VEEMIRMGVGSQAVBQLAVYCVSLKKEYENLKEARKATGELADRLKDLVSSRS 179  
DB 1701 LKGRVENLERLELTARINQEHAALEAENSQGEVETLAKTIEGTMQSLRGLELDVVTIRS 1760  
QY 180 KLTLTNTELDQ-----AKLET--RSAQKDLQSAQDEITSLRKS 216  
DB 1761 EKENTJTNLQKQERISELEIINSSFENILQEKQBQKVMKKS 1804

RESULT 7  
US-08-353-700-1

; Sequence 1, Application US/08353700  
; Patent No. 5599919

; GENERAL INFORMATION:  
; APPLICANT: TEN, TIMOTHY J.  
; APPLICANT: RATTNER, JEROME B.  
; TITLE OF INVENTION: NUCLEIC ACID ENCODING A  
; TITLE OF INVENTION: TRANSIENTLY-EXPRESSED KINETOCHORE PROTEIN,  
; TITLE OF INVENTION: AND METHODS OF USE  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: DANN, DOREMAN, HERRELL AND SKILLMAN  
; STREET: 1601 MARKET STREET, SUITE 720  
; CITY: PHILADELPHIA  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103-2307  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/353,700  
; FILING DATE: 09-DEC-1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: REED, JANET E.  
; REGISTRATION NUMBER: 36,252  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 563-4100  
; TELEFAX: (215) 563-4044  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 3248 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; HYPOTHEICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: HUMAN  
US-08-353-700-1

Query Match 15.9%; Score 171; DB 1; Length 3248;  
Best Local Similarity 24.3%; Pred. No. 5.8e-06;  
Matches 69; Conservative 51; Mismatches 96; Indels 68; Gaps 9;  
QY 1 KTIINKLFFDLAQEEEN-----VLDAPLKNELDSVKAQL-----SQK 38  
DB 2249 KDKVENLEBERLQWSEENGLVLDAPNSKAQVETLKTQIEEMARSLKVFELDLVTLRSK 2308  
QY 39 D-----REKRDQAIIIDTLRDTL-----EERNATVESIQNALINKAEMLC 77  
DB 2309 ENLTKQIQEQKQQLSELKLSFKSLSEKQQAETIQIEESKTVAVEMQNLKELNEAV 2368  
QY 78 STL---KROMKFLQGRD---ETKQARDEAHLKCKMKTMEQIELLQSQRS----- 124  
DB 2369 AALCGDQIMKATQESLPLPIEEHQLRNSIEKLRLARLEADEKKQOLCVLQQLKESEHND 2428  
QY 125 -----VEEMIRMGVGSQAVBQLAVYCVSLKKEYENLKEARKATGELADRLKDLVSSRS 179  
DB 2429 LKGRVENLERLELTARINQEHAALEAENSQGEVETLAKTIEGTMQSLRGLELDVVTIRS 2488  
QY 180 KLTLTNTELDQ-----AKLET--RSAQKDLQSAQDEITSLRKS 216  
DB 2489 EKENTJTNLQKQERISELEIINSSFENILQEKQBQKVMKKS 2532

RESULT 8  
PCT-US95-16216-1  
; Sequence 1, Application PC/TUS9516216



;; TITLE OF INVENTION: Markers for Detection of Chromosome 16  
;; TITLE OF INVENTION: Rearrangements  
;; NUMBER OF SEQUENCES: 14  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESS: Harness, Dickey & Pierce, P.L.C.  
;; STREET: P.O. Box 828  
;; CITY: Bloomfield Hills  
;; STATE: MI  
;; COUNTRY: USA  
;; ZIP: 48303  
;;  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patentln Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/742,923A  
;; FILING DATE: No. 5869611member 1, 1996  
;; CLASSIFICATION: 435  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Smith, Deann F.  
;; REGISTRATION NUMBER: 36683  
;; REFERENCE/DOCKET NUMBER: 2115-00869DVC  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (810) 641-1600  
;; TELEFAX: (810) 641-0270  
;; INFORMATION FOR SEQ ID NO: 2:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 576 amino acids  
;; TYPE: amino acid  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
;;  
US-08-742-923A-2

Query Match 15.6%; Score 168; DB 2; Length 576;  
Best Local Similarity 24.2%; Pred. No. 1.3e-06;  
Matches 61; Conservative 52; Mismatches 91; Indels 48; Gaps 9;

QY 10 DLAGEENVLDAEFLKNEIDSVKQALSOK-----DREKDSQAIIIDTLMDTLEE 58  
DB 326 DLMQOEDLAAERARKQADLEKELELASSLSGRNALODEKRLRLARIAQLEELLEE 385  
QY 59 RNATVESIQNALNKK---AEMLC-----STLKKOMKFLQRODETKQAREEARL--- 104  
DB 386 EOGNMEASDVRKATQQAEDLSNLAERSTAQKNESARQOLEKONNELSKLHEMGA 445  
QY 105 -KCKMK-TMEOIELLOSQSEVEEMIRDMGVGSQAVQLAVYCVSLKEYEINKKARKA 162  
DB 446 VKSRFKSTIALAEKAIQLEQVEQVEAREK---QATKSLKQKDKLKEILLQVDEDERK- 501  
QY 163 TGEIADRLKDLVSSRSKLTNTLNLDOAKLE-----LRSQKDLQASDO-----E 208  
DB 502 --MAEQYKEQAEKGNARVKKQLKROLEBAEESORINANRRRLQELDEATESNEAMGRE 558  
QY 209 ITSLSRKSDDPP 220  
DB 559 VNALSKSLRGPP 570

RESULT 11  
; Sequence 6, Application US/08533306A  
; Patent No. 5837457  
; GENERAL INFORMATION:  
; APPLICANT: Liu, Pu  
; APPLICANT: Collins, Francis S.  
; APPLICANT: Siciliano, Michael J.  
; APPLICANT: Claxton, David  
; TITLE OF INVENTION: Markers for Detection of Chromosome 16  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Harness, Dickey & Pierce, P.L.C.  
;; STREET: P.O. Box 828  
;; CITY: Bloomfield Hills  
;; STATE: MI  
;; COUNTRY: USA  
;; ZIP: 48303  
;;  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patentln Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/533,306A  
;; FILING DATE: September 25, 1995  
;; CLASSIFICATION: 435  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Smith, Deann F.  
;; REGISTRATION NUMBER: 36683  
;; REFERENCE/DOCKET NUMBER: 2115-00869C08  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (810) 641-1600  
;; TELEFAX: (810) 641-0270  
;; INFORMATION FOR SEQ ID NO: 6:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 816 amino acids  
;; TYPE: amino acid  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
;;  
US-08-533-306A-6

Query Match 15.6%; Score 168; DB 2; Length 816;  
Best Local Similarity 24.2%; Pred. No. 2e-06;  
Matches 61; Conservative 52; Mismatches 91; Indels 48; Gaps 9;

QY 10 DLAGEENVLDAEFLKNEIDSVKQALSOK-----DREKDSQAIIIDTLMDTLEE 58  
DB 566 DLMQOEDLAAERARKQADLEKELELASSLSGRNALODEKRLRLARIAQLEELLEE 625  
QY 59 RNATVESIQNALNKK---AEMLC-----STLKKOMKFLQRODETKQAREEARL--- 104  
DB 626 EOGNMEASDVRKATQQAEDLSNLAERSTAQKNESARQOLEKONNELSKLHEMGA 685  
QY 105 -KCKMK-TMEOIELLOSQSEVEEMIRDMGVGSQAVQLAVYCVSLKEYEINKKARKA 162  
DB 666 VKSRFKSTIALAEKAIQLEQVEQVEAREK---QATKSLKQKDKLKEILLQVDEDERK- 741  
QY 163 TGEIADRLKDLVSSRSKLTNTLNLDOAKLE-----LRSQKDLQASDO-----E 208  
DB 742 --MAEQYKEQAEKGNARVKKQLKROLEBAEESORINANRRRLQELDEATESNEAMGRE 798  
QY 209 ITSLSRKSDDPP 220  
DB 799 VNALSKSLRGPP 810

RESULT 12  
; Sequence 6, Application US/08742923A  
; Patent No. 5869611  
; GENERAL INFORMATION:  
; APPLICANT: Liu, Pu  
; APPLICANT: Collins, Francis S.  
; APPLICANT: Siciliano, Michael J.  
; APPLICANT: Claxton, David  
; TITLE OF INVENTION: Markers for Detection of Chromosome 16  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Harness, Dickey & Pierce, P.L.C.  
; STREET: P.O. Box 828  
; CITY: Bloomfield Hills  
; STATE: MI



APPLICATION NUMBER: US/08/742,923A  
FILING DATE: No. 5869611member 1, 1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, Deann F.  
REGISTRATION NUMBER: 36683  
REFERENCE/DOCKET NUMBER: 2115-00869DVC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (810) 641-1600  
TELEFAX: (810) 641-0270  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 885 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-742-923A-4

Query Match 15.6%; Score 168; DB 2; Length 885;  
Best Local Similarity 24.2%; Pred. No. 2,2e-06;  
Matches 61; Conservative 52; Mismatches 91; Indels 48; Gaps 9;

QY 10 DLAGEENVLDAEFLKNELDYKALDSK-----DREKDSQAIIIDTLDTLEE 58  
DB 635 DLMQLEDLAAERAKQADLEKELELASLSGRNALODEKRELRARIAQLLEELEE 694  
QY 59 RNATVESKONLNLK-----AEMLC-----STLKQMKFLDQRODETKQAREAHRL--- 104  
DB 695 EOGNNEMSDVRKRTQQAEOQLSNELATERSTAKNESARQOLEKONKELSKLEHMEGA 754  
QY 105 -KCKMK-TMEQIELLOSORSEVEEMIDMGVGSABQALAVYCVSLKREYENLKARKA 162  
DB 755 VKSKFKSTIALAKIAQLQEQVEQEARERK--QAATSLKQKDKLKEILLQVEDERK- 810  
QY 163 TGEIADRLKKLVSSRSKLTINTELDQAKLE-----LSAQKDLQSAQ-----E 208  
DB 811 --MAEQREQAENKGNARVQKQLRLEAEESQRIINARRKLQRELDATESNEAMGRE 867  
QY 209 ITSRLKKSDDPP 220  
DB 868 VNALSKSLRGP 879

RESULT 15  
US-08-095-737-2  
Sequence 2, Application US/08095737  
Patent No. 5487979  
GENERAL INFORMATION:  
APPLICANT: DiFiore, Pier P  
TITLE OF INVENTION: A Substrate for the Epidermal Growth  
TITLE OF INVENTION: A Substrate for the Epidermal Growth  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Knobbe, Martens, Olson & Bear  
STREET: 620 Newport Center Drive, Sixteenth Floor  
CITY: Newport Beach  
STATE: California  
COUNTRY: United States of America  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/095,737  
FILING DATE: 19930722  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Israelsen, Ned A  
REGISTRATION NUMBER: 29,655

REFERENCE/DOCKET NUMBER: NIH060,001A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 235-8550  
TELEFAX: (619) 235-0176  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 896 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-095-737-2

Query Match 14.3%; Score 154; DB 1; Length 896;  
Best Local Similarity 22.6%; Pred. No. 3,3e-05;  
Matches 53; Conservative 42; Mismatches 60; Indels 80; Gaps 7;

QY 10 DLAGEENVLD---AEFLK-NELDSYKALDSQDREKDSQAIIIDTLDTLEERNATVE 64  
DB 312 DRASLQKNIIIGSSPVADPSAIKEIDTLNNEIYDQREKNNEQDLKEDPTIKQRTSEVQ 371  
QY 65 SLQNALNKAEMLCSTLKQMKFLDQRODETKQAREAHRLCKMKTMDQIELLOSORSE 124  
DB 372 DLQDEV-----QRENTNLQK-----LQAKQKQ 393  
QY 125 VEEMIRDMGVGSABQALAVYCVSLKREYENLKARKATGE---LADRLKKLVSSRSKL 181  
DB 394 VOELLDELDEBQAKLE-----EOLKEVRKKCAEAQLISSKAKELISQESQI 440  
QY 182 KTLNTELDQA-----KLEIRSAQKDLQSAQDEITSRLK 215  
DB 441 STYEEELAKAREELSRLOQETALEESVSGKALEPLQOHLDQSOQEISSMOK 495

RESULT 16  
US-08-480-145-2  
Sequence 2, Application US/08480145  
Patent No. 5717067  
GENERAL INFORMATION:  
APPLICANT: DiFiore, Pier P  
TITLE OF INVENTION: A Substrate for the Epidermal Growth  
TITLE OF INVENTION: A Substrate for the Epidermal Growth  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Knobbe, Martens, Olson & Bear  
STREET: 620 Newport Center Drive, Sixteenth Floor  
CITY: Newport Beach  
STATE: California  
COUNTRY: United States of America  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,145  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/095,737  
FILING DATE: 22-JUL-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Israelsen, Ned A  
REGISTRATION NUMBER: 29,655  
REFERENCE/DOCKET NUMBER: NIH060,001A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 235-8550  
TELEFAX: (619) 235-0176  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 896 amino acids



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;      TYPE: amino acid
;      TOPOLOGY: linear
;      MOLECULE TYPE: protein
US-08-480-145-2

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Query Match	14.3%	Score 154	DB 1	Length 896
Best Local Similarity	22.6%	Pred. No. 3.3e-05		
Matches 53	Conservative 42	Mismatches 60	Indels 80	Gaps 7

QY	10	DLAAEEVND---	AEFK	NELDSYKAOLSKDREKRSOAM	IDLPTROLEARNATE	64
		: : : : : :	:	: : :	: : : : :	
Db	312	DRASLOKRIISSVADFSALKEIDTLNNE	LYDLQREKNNVODLKEKELTITQRTISEVO			371
QY	65	SLQNALNKAEMLCTLKKOMKFLERODET	QOAREEAHRLCKMKTKMEJELLELOSORSE			124
		: :	: :	: :	: :	
Db	372	DLQDEV---	QRENTNLQK			LQHQKQ 393
QY	125	VEEMIRDMGVQASAVEOLAVYCVSLKKE	YENLKFKARKATGE--	LADRLKDLVSSRSKL		181
		: : : : : :			: :	
Db	394	VOELIDELDEQKALE---	BQLEKVRKCKAEQAOILISLSLAEITLOSQOI			440
QY	182	KLNTLTELDOA---	KLLEBSAQDLSAQDEITSRLKK			215
		: :	:	:	: : : :	
Db	441	STYEEELAKAEELSRLOQETAELEESVESK	QAOLEPLQOHLQSOQETISMQRK			495

RESULT 17  
US-08-477-389-2

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Query Match 14.38; Score 154; DB 2; Length 896;

Best Local Similarity 22.6%; Pred. No. 3.3e-05;  
Matches 53; Conservative 42; Mismatches 60; Indels 80; Gaps 7,

OY	10	DLAGEENVLD----	AFLK--NELDSVKAOLSKDREKPSOAIIDPLRPTLEERNATVE	64
Dd	312	DRASLOKNTI	ISSPVADESAIKELDDTLNNEVLVDLÖRENNEDJULKEKEDDTIKORTSEVO	37171
OY	65	SLONALNKAEMLCS	TLLKKOMFLEBODETKQAREEAHRLKCKMKTMEOTIELLOSORSE	124
Dd	372	DLÖDEV-----	QRENTNÖK-----	LQÄGKQ 3933
OY	125	VBEAMIRMGVGO	SAVEOLAVYSLKKEYENLKARATGE--LADRLKLKVSSRSKL	181
Dd	394	VOEILDELDEOKALE	-----EOLKEVRKCAEEAOLLISSLAEILTOSQESOI	440
OY	182	KTLINTELDOA-----	KLERSAKODILOADOPEITSLRK	215
Dd	441	STYEELINKAAEBELS	RLOQETAELEEVSERKAOLEPLQOHUOOSQOETISSMÖK	495

RESULT 18  
PCT-US93-03077-3

```

GENERAL INFORMATION:
APPLICANT: Board of Regents, The University of Texas System
APPLICANT: Gaynor, Richard B.
APPLICANT: Wu, Foon Kin
TITLE OF INVENTION: PROTEIN CELLULAR FACTOR USEFUL FOR
TITLE OF INVENTION: REGULATING GENE EXPRESSION
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/03077
FILING DATE: 19930331
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/862,025
FILING DATE: April 2, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Kammerer, Patricia A.
REGISTRATION NUMBER: 29, 775
REFERENCE/DOCKET NUMBER: UFPD270PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-787-1540
TELEFAX: 713-749-2679
TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 414 amino acids
TYPE: AMINO ACID
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: peptide
PCT-US93-03077-3

```

```

Query Match          14.2%   Score 153; DB 5; Length 414;
Best Local Similarity 22.6%; Pred. No. 1.6e-05;
Matches      53; Conservative 49; Mismatches 99; Indels 34; Gaps 5.
QY      11 LAQEEENVLDAPFLKNNELDSVKAQLSQRKRERDSDAIIIDTLRDLL---EERNATYESIQ 67
         |:::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|

```

Db 5 LSEKEDVCTVEFLNLEKREAOQLSLSKKALAEAFDNLKDEMFVKESSSISSLK 64  
Qy 68 N-----ALNKAMLC---STLKOKM-----FLEORODETKQARE 99  
Db 65 DEFQRIAEAEKKVQOLACKERDAKKEIKNIKEIATLNSSETADLKEKDEQIRGLME 124  
Qy 100 EAHRLCKMKTMEQIELLQSORSEVEEMIRDMGVGOSAVEQLAVYCVSLKKEYENLKEA 159  
Db 125 EGEKLSKQOQLNSNIKKRLAKDKENENMVAKL---NKKVLEEELEQHLKQVLDGKREY 181  
Qy 160 RKATGELADRLKKDVLSSRSKIKTLNTELDOAKLELSAQKDLOSADQETISLRK 214  
Db 182 EKQRENIKIKLSWVERQEKDLGRLOVMDLEEKRSIOAALDSAYKELTDLHK 236

RESULT 19  
PCT-US93-03077-1

Sequence 1, Application PC/TUS9303077  
GENERAL INFORMATION:  
APPLICANT: Board of Regents, The University of Texas System  
APPLICANT: Gaylor, Richard B.  
APPLICANT: Wu, Foon Kin  
TITLE OF INVENTION: PROTEIN CELLULAR FACTOR USEFUL FOR  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: USA  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/03077  
FILING DATE: 19930331  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/862.025  
FILING DATE: April 2, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Kammerer, Patricia A.  
REGISTRATION NUMBER: 29,775  
REFERENCE/DOCKET NUMBER: UTED270PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 713-787-1540  
TELEFAX: 713-749-2679  
TELEX:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1093 amino acids  
TYPE: AMINO ACID  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
PCT-US93-03077-1

Query Match 14.2%; Score 153; DB 5; Length 1093;  
Best Local Similarity 22.6%; Pred. No. 5.1e-05;  
Matches 53; Conservative 49; Mismatches 99; Indels 34; Gaps 5;  
Qy 11 LAQEEVNLDAEFLKNELDVSKAQLSQKDRKRSQAIIITLRLPTL---EERNATVESIQ 67  
Db 441 LSEKEDVCTVEFLNLEKREAOQLSLSKKALAEAFDNLKDEMFVKESSSISSLK 500  
Qy 68 N-----ALNKAMLC---STLKOKM-----FLEORODETKQARE 99  
Db 501 DEFQRIAEAEKKVQOLACKERDAKKEIKNIKEIATLNSSETADLKEKDEQIRGLME 560

Qy 100 EAHRLCKMKTMEQIELLQSORSEVEEMIRDMGVGOSAVEQLAVYCVSLKKEYENLKEA 159  
Db 561 EGEKLSKQOQLNSNIKKRLAKDKENENMVAKL---NKKVLEEELEQHLKQVLDGKREY 617  
Qy 160 RKATGELADRLKKDVLSSRSKIKTLNTELDOAKLELSAQKDLOSADQETISLRK 214  
Db 618 EKQRENIKIKLSWVERQEKDLGRLOVMDLEEKRSIOAALDSAYKELTDLHK 672

## RESULT 20

US-09-085-199B-5  
Sequence 5, Application US/09085199B  
Patent No. 6235879  
GENERAL INFORMATION:  
APPLICANT: Hayden, Michael R.  
APPLICANT: Hackam, Abigail R.  
APPLICANT: Hug, A.H.M. Mahdubul  
APPLICANT: Chopra, Vikramjit Singh  
APPLICANT: Kalcman, Michael  
TITLE OF INVENTION: Apoptosis Modulators That Interact with the  
NUMBER OF SEQUENCES: 44  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Oppedahl & Larson  
STREET: PO Box 5270  
CITY: Frisco  
STATE: CO  
COUNTRY: USA  
ZIP: 80443-5270  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Kb storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS DOS 5.0  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/085.199B  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Larson, Marina T.  
REGISTRATION NUMBER: 32038  
REFERENCE/DOCKET NUMBER: UBC.P-0130US2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (970) 668-2050  
TELEFAX: (970) 668-2052  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1090  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
HYPOTHETICAL: no  
ORIGINAL SOURCE:  
ORGANISM: human  
FEATURE:  
OTHER INFORMATION: Huntington-interacting protein  
US-09-085-199B-5

Query Match 14.1%; Score 151.5; DB 4; Length 1090;  
Best Local Similarity 25.1%; Pred. No. 6.8e-05;  
Matches 61; Conservative 56; Mismatches 95; Indels 31; Gaps 10;  
Qy 4 INKLEFDLAQE---EENVLDIAEFLKNELDVSKAQLSQKDRKRSQAIIITLRLPTLEER 59  
Db 462 VSELEADIAEQHURKQQAADCEFLRAELDELRLRQREDTEKRAOR-SLSEIERKAQANOR 520  
Qy 60 NATVESLONAL--NKAEMLC---CSTLKQMKFLEQRO---DETQAREAHRL--KCKMK 109  
Db 531 YSKLEKYSSELVONHADLRKNAEYTKOVSMARQAVULEKEKLEDSLERISQOGRK 580  
Qy 110 TMEQIELLQSORSEVEEMIRDMGVGOSAVE-----QLAVYCVSLKKEYENLKEARKA 162

Db 581 TQBLE-VLESKQELATSOQRELOVLOGSLETSQOSEANNAEFAELEKERDSLVSGAH 639  
Qy 163 TGEIADLRKDLVSSRSKLTINTEL-----DQAKLEIRSAQKDLQSDADEITSLRKSD 217  
Db 640 REEELSAIRKELQDTQKLASTEESMCQAKDQKMLVGSRK---AAQVYIDALNQL 696  
Qy 218 DPP 220  
Db 697 EPP 699

## RESULT 21

US-09-085-199B-4  
; Sequence 4, Application US/09085199B  
; Patent No. 6235879  
; GENERAL INFORMATION:  
; APPLICANT: Hayden, Michael R.  
; APPLICANT: Hackam, Adigail  
; APPLICANT: Hug, A.H.M. Mahbubul  
; APPLICANT: Chopra, Vikramjit Singh  
; APPLICANT: Kalchman, Michael  
; TITLE OF INVENTION: Apoptosis Modulators That Interact with the  
; TITLE OF INVENTION: Huntington's Disease Gene  
; NUMBER OF SEQUENCES: 44  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Oppedahl & Larson  
; STREET: PO Box 5270  
; CITY: Frisco  
; STATE: CO  
; COUNTRY: USA  
; ZIP: 80443-5270  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Kb storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: MS DOS 5.0  
; SOFTWARE: WordPerfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/085,199B  
; FILING DATE:  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Larson, Marina T.  
; REGISTRATION NUMBER: 32038  
; REFERENCE/DOCKET NUMBER: UBC.P-013052  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (970) 668-2050  
; TELEFAX: (970) 668-2052  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 914  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; HYPOTHEICAL: no  
; ORIGINAL SOURCE:  
; ORGANISM: human  
; FEATURE: Huntington-interacting protein  
US-09-085-199B-4

Query Match 14.0%; Score 150.5; DB 4; Length 914;  
Best Local Similarity 25.1%; Pred. No. 6.7e-05;  
Matches 61; Conservative 56; Mismatches 95; Indels 31; Gaps 10;

Qy 4 INKLFFDLAGE---EENVDAEFLKNDLSVKAQLSQKREKRDQAIIIDRLDTLEER 59  
Db 286 VSELEADLAEQOHRLQAADCEFLRAELDELRLQREDETEKAQR-SLEISRKKAQANQR 344  
Qy 60 NATVEISQNAL--NKAEML--CSTLKKQMKLEORQ---DETQOAREEHL--KCKMK 109  
Db 345 YSKLEKYSVLQNHADLLRKNAEVTQVSMARQAOYDLEREKKELEDLSERISDQGRK 404

Qy 110 TMEQIELLOSRESEVEEMIRMGVQSAVE-----QLAVYCVSLKKEENLEKARKA 162  
Db 405 TQBLE-VLESKQELGTSQRELOVLOGSLETSQOSEANNAEFAELEKERDSLVSGAH 463  
Qy 163 TGEIADLRKDLVSSRSKLTINTEL-----DQAKLEIRSAQKDLQSDADEITSLRKSD 217  
Db 464 REEELSAIRKELQDTQKLASTEESMCQAKDQKMLVGSRK---AAQVYIDALNQL 520  
Qy 218 DPP 220  
Db 521 EPP 523

## RESULT 22

US-09-104-324B-4  
; Sequence 4, Application US/09104324B  
; Patent No. 6232460  
; GENERAL INFORMATION:  
; APPLICANT: T rec1, Ozlem; Sahin, Ugur; Pfreundschuh, Michael  
; TITLE OF INVENTION: Methods For diagnosis And Treating Cancers,  
; TITLE OF INVENTION: And Methods For Identifying Pathogenic Markers In A Sample  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Fulbright & Jaworski LLP  
; STREET: 666 Fifth Avenue  
; CITY: New York City  
; STATE: New York  
; ZIP: 10103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.5 inch, 144 kb storage  
; COMPUTER: IBM  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WordPerfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/104,324B  
; FILING DATE: 25-June-1998  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/892,702  
; FILING DATE: 15-July-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Hanson, No. 6232460man D.  
; REGISTRATION NUMBER: 30,946  
; REFERENCE/DOCKET NUMBER: LUD 5491  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 318-3000  
; TELEFAX: (212) 752-5958  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 976 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
US-09-104-324B-4

Query Match 14.0%; Score 150; DB 4; Length 976;  
Best Local Similarity 26.2%; Pred. No. 7.9e-05;  
Matches 59; Conservative 52; Mismatches 86; Indels 28; Gaps 9;

Qy 10 DLAGEENVDAEFLKN-ELDSVKAQLSQKDR-KRDSQAIIIDRLDLEENNAVVESTQ 67  
Db 501 DLKTELEN-----EKIKNTLETSKCKLSLENKELTQETSDMTLELKNQOEINNNKQEE 556  
Qy 68 NALNKAEMLCSTLKKQMKLEORQDETKOAREEHLKCKKMTQD---TELLQSOR 123  
Db 557 RMLQIENILQETQRLNELEYVREBELKQKRD--VCKLQKSPENCNNLRQVENKKNK 613  
Qy 124 EYEEK-----IRMGVQSAVEQLAVYCVSLKKEENLEKARKATGELARLKKDLVSS 177  
Db 614 YIEELQENKALKKGTAE--KQINVEIKVNNLELELESQKQKFGETITDTYQKEIEDK 671  
Qy 178 RSKLTINTELQAKL--ELRSQKDLQSDQ---EITSLRK 215



SEQUENCE CHARACTERISTICS:  
LENGTH: 2101 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-466-390-4

Query Match 13.4%; Score 144; DB 1; Length 2101;  
Best Local Similarity 23.6%; Pred. No. 0.00064;  
Matches 54; Conservative 52; Mismatches 93; Indels 30; Gaps 6;

QY 20 DAEFLKNEIDSVKAOI--SQKDREKRDQAIIIDTLRDTLE-----ERNATVE--- 64  
DB 973 EAEQMGNELELRALALMESGGQOQDERGQDERVARLTQERGRQAQDLAEKAAAELEM 1032  
QY 65 SLQNALNKAEMLCSTLKKQKF--LEQRQDETQKAREBAHRLKCKMTMEQIIEILLQSRS 123  
DB 1033 RLQNALNEQVRFEATIQEALAHALTEKEGKQDELAKRLGLEAAQIKLELELRQTVKQKE 1092  
QY 124 EYEMIRDMGVGQSA-----VEQLAVYCVSLKKEYENLKEARKATGELADRLKQDVS 176  
DB 1093 QLAKKKEHAGSGAQSEAGRTPEGPRLAEVSKLEQCCQKQEQQADSLERSLEA 1152  
QY 177 SR-----SKLTNLTELDQAKLELRSAGKQDQSDQDQETTSLRKSSD 218  
DB 1153 ERASRAERDSALLETLOGQLEKQAEIGHQSALASQRELAAFRTRYQD 1201

## RESULT 26

US-08-470-950-4  
Sequence 4, Application US/08470950  
Patent No. 5698439  
GENERAL INFORMATION:  
APPLICANT: TOOKATLY, GARY  
APPLICANT: LIDGARD, GRAHAM P  
TITLE OF INVENTION: NOVEL MALIGNANT CELL TYPE MARKERS OF THE  
TITLE OF INVENTION: INTERIOR NUCLEAR MATRIX  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: TESTA, HURWITZ & THIBEAULT  
STREET: 125 HIGH STREET  
CITY: BOSTON  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/470,950  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: PITCHER ESQ, EDMUND R  
REGISTRATION NUMBER: 27,829  
REFERENCE/DOCKET NUMBER: MTP-013  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 248-7000  
TELEFAX: (617) 248-7100  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2101 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-470-950-4

Query Match 13.4%; Score 144; DB 1; Length 2101;  
Best Local Similarity 23.6%; Pred. No. 0.00064;

Matches 54; Conservative 52; Mismatches 93; Indels 30; Gaps 6;

QY 20 DAEFLKNEIDSVKAOI--SQKDREKRDQAIIIDTLRDTLE-----ERNATVE--- 64  
DB 973 EAEQMGNELELRALALMESGGQOQDERGQDERVARLTQERGRQAQDLAEKAAAELEM 1032  
QY 65 SLQNALNKAEMLCSTLKKQKF--LEQRQDETQKAREBAHRLKCKMTMEQIIEILLQSRS 123  
DB 1033 RLQNALNEQVRFEATIQEALAHALTEKEGKQDELAKRLGLEAAQIKLELELRQTVKQKE 1092  
QY 124 EYEMIRDMGVGQSA-----VEQLAVYCVSLKKEYENLKEARKATGELADRLKQDVS 176  
DB 1093 QLAKKKEHAGSGAQSEAGRTPEGPRLAEVSKLEQCCQKQEQQADSLERSLEA 1152  
QY 177 SR-----SKLTNLTELDQAKLELRSAGKQDQSDQDQETTSLRKSSD 218  
DB 1153 ERASRAERDSALLETLOGQLEKQAEIGHQSALASQRELAAFRTRYQD 1201

## RESULT 27

US-08-467-781-4  
Sequence 4, Application US/08467781  
Patent No. 5780596  
GENERAL INFORMATION:  
APPLICANT: TOOKATLY, GARY  
APPLICANT: LIDGARD, GRAHAM P  
TITLE OF INVENTION: NOVEL MALIGNANT CELL TYPE MARKERS OF THE  
TITLE OF INVENTION: INTERIOR NUCLEAR MATRIX  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: TESTA, HURWITZ & THIBEAULT  
STREET: 125 HIGH STREET  
CITY: BOSTON  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/467,781  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: PITCHER ESQ, EDMUND R  
REGISTRATION NUMBER: 27,829  
REFERENCE/DOCKET NUMBER: MTP-013  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 248-7000  
TELEFAX: (617) 248-7100  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2101 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-467-781-4

Query Match 13.4%; Score 144; DB 1; Length 2101;  
Best Local Similarity 23.6%; Pred. No. 0.00064;  
Matches 54; Conservative 52; Mismatches 93; Indels 30; Gaps 6;

QY 20 DAEFLKNEIDSVKAOI--SQKDREKRDQAIIIDTLRDTLE-----ERNATVE--- 64  
DB 973 EAEQMGNELELRALALMESGGQOQDERGQDERVARLTQERGRQAQDLAEKAAAELEM 1032  
QY 65 SLQNALNKAEMLCSTLKKQKF--LEQRQDETQKAREBAHRLKCKMTMEQIIEILLQSRS 123  
DB 1033 RLQNALNEQVRFEATIQEALAHALTEKEGKQDELAKRLGLEAAQIKLELELRQTVKQKE 1092





Db 1003 KLEGLDLTQESIMDLNDKQLQLEEKIKKKEFDISOONSKIEDQALALQLOKKLENOA 1062  
QY 62 TVESIOMALN-----KAEMLGSLTKOMKFLRODQETKQAREEHRKCKKKTMEQI 114  
Db 1063 RIELELELEKERTARKKVEKLRSDLTRELEIESEIRLEEAGGA-----TSYQI 1110  
QY 115 ELLLOSOREVEEMIRDMGQSAVEQLAVCVSLKREYENLKREARNTGELAD---RLK 171  
Db 1111 E-MNKKREAEFQKKRRDL--EATLTQHEATPAALRKKHADSVAE---LGEQIDNLQRYK 1163  
QY 172 KDLVSSSKL-----TLNELDQAKLELRSQKDLQSD 206  
Db 1164 QLEKESSEKFLDLDVTSHEQIIRAKANLEKVSRTLEQANEYRVKLEEAQRSL---- 1219  
QY 207 QETSLRKK 215  
Db 1220 NDTTORAK 1228

RESULT 33  
US-08-685-576-4  
; Sequence 4, Application US/08685576  
; Patent No. 5906819  
; GENERAL INFORMATION:  
; APPLICANT: Kaibuchi, Kozo  
; APPLICANT: Imamatsu, Akihiro  
; APPLICANT: Nakano, Takeshi  
; APPLICANT: Ito, Masaaki  
; APPLICANT: Takahashi, No. 5906819uaki  
; TITLE OF INVENTION: RHO TARGET PROTEIN RHO-KINASE  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Foley & Lardner  
; STREET: 3000 K Street, N.W., Suite 500  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20007-5109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/685,576  
; FILING DATE: 24-JUL-1996  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 7-325129  
; FILING DATE: 20-NOV-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 8-17150  
; FILING DATE: 05-JAN-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 8-131206  
; FILING DATE: 26-APR-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Bent, Stephen A.  
; REGISTRATION NUMBER: 29,768  
; REFERENCE/DOCKET NUMBER: 16887/843  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202)672-5300  
; TELEFAX: (202)672-5399  
; TELEX: 904136  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1388 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-685-576-4

Query Match 13.2%; Score 142; DB 2; Length 1388;  
Best Local Similarity 23.4%; Pred. No. 0.00057;  
Matches 61; Conservative 53; Mismatches 99; Indels 48; Gaps 9;

QY 1 KTIINKLFPDLQEEENV-----LDAEFLKNELDVSKAQLSOKR-----E 41  
Db 669 KROLQERFTDLEKESKSNMEDMTYQLVIOQSLQOE--EAEHKATKARLADKNKIYSIE 726  
QY 42 KRSQAIIDRLDITFERNAVESIOMALNKAEMLGLTKOMKFLRODQETQAR--- 98  
Db 727 EAKSEAKMEKELLEERTLK-QKVENLLAEKRSLLDCDLQSQOKINELLKOKDVL 785  
QY 99 -EENHRLCKKKTMEQIELLLOSOREVEEMIRDMGQSAVEQLAVCVSLKREYEN-- 155  
Db 786 NEDVRNLTLEIETQKRCULQNDLKNQOVNTLKKSEKQLKQENHLMKKNLEKQ 845  
QY 156 ---LKEARKATG---ELADRLK-----KDLVSSRSKLTNLNELDQAKLELR 196  
Db 846 AELRKERQDADGQMKELQDLEAEQYFSTLYKTQVRELKECEKEKTKLQKQKQELQ 905  
QY 197 SAOKDQADQETSLRKKSD 217  
Db 906 D-ERDSLAQLELTTLTKADSE 925

RESULT 34  
US-09-085-199B-2  
; Sequence 2, Application US/09085199B  
; Patent No. 6235879  
; GENERAL INFORMATION:  
; APPLICANT: Hayden, Michael R.  
; APPLICANT: Hackam, Adigail  
; APPLICANT: Hug, A.H.M. Mahubul  
; APPLICANT: Chopra, Vikramjit Singh  
; APPLICANT: Kalcman, Michael  
; TITLE OF INVENTION: Apoptosis Modulators That Interact with the  
; NUMBER OF SEQUENCES: 44  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Oppenahl & Larson  
; STREET: PO Box 5270  
; CITY: Frisco  
; STATE: CO  
; COUNTRY: USA  
; ZIP: 80443-5270  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Kb storage  
; OPERATING SYSTEM: MS DOS 5.0  
; SOFTWARE: WordPerfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/085,199B  
; FILING DATE:  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Larson, Marina T.  
; REGISTRATION NUMBER: 32038  
; REFERENCE/DOCKET NUMBER: UBC-P-013052  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (970) 668-2052  
; TELEFAX: (970) 668-2052  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 386  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; HYPOTHETICAL: no  
; ORIGINAL SOURCE:  
; ORGANISM: human  
; FEATURE:  
; OTHER INFORMATION: Huntington-Interacting protein  
; US-09-085-199B-2







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STATE: California
COUNTRY: United States of America
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,145
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/095,737
FILING DATE: 22-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Israelsen, Ned A
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NIH060.001A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
TELEFAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 897 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-480-145-4
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Best Local Similarity 24.7%; Pred. No. 0.00073;
Matches 48; Conservative 46; Mismatches 80; Indels 20; Gaps 6;

OY 18 VLDAEFLKNEIDSVKQALSKDRKRDQAIIIDTLRDLTEERNATVESLQNALKKAEMLC 77
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Db 326 VADFSAIK-ELDTLNNEIVDLQREKNNVEDLKEKEDTVKQRTSEVDLQDEVQRESINL 384
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
OY 78 STL---KKQKFLQRODETKQAREFAHRLCKKKTMEQITLLQSORSEVEENIRMGV 134
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 385 QKLDQKQOVQVQLGELDEQKPAQLEBQLQ-EVRKCAEEAO-LISSUKAET----- 433
OY 135 GQSAVEOLAVYCVSLKKEYEMLKARKATGELADRLKKDLVSSRSKLTNTLTELDAQLE 194
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 434 -TSQESQISSYEELKARELSRLQQTALQLESVE-----SKAQLPELQOHQLESQOE 488
OY 195 LRSQKDLQSDAQE 208
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Db 489 ISSQMRLKMDLE 502
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RESULT 40
US-08-477-389-4
; Sequence 4, Application US/08477389
; Patent No. 5872219
; GENERAL INFORMATION:
; APPLICANT: DiPietro, Pier P
; APPLICANT: Fazioli, Francesca
; TITLE OF INVENTION: A Substrate for the Epidermal Growth
; TITLE OF INVENTION: Factor Receptor Kinase
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive, Sixteenth Floor
; CITY: Newport Beach
; STATE: California
; COUNTRY: United States of America
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
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SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,389
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/095,737
FILING DATE: 22-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Israelsen, Ned A
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: NIH060.001A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
TELEFAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 897 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-477-389-4
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Query Match          12.8%; Score 138; DB 2; Length 897;
Best Local Similarity 24.7%; Pred. No. 0.00073;
Matches 48; Conservative 46; Mismatches 80; Indels 20; Gaps 6;

OY 18 VLDAEFLKNEIDSVKQALSKDRKRDQAIIIDTLRDLTEERNATVESLQNALKKAEMLC 77
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Db 326 VADFSAIK-ELDTLNNEIVDLQREKNNVEDLKEKEDTVKQRTSEVDLQDEVQRESINL 384
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OY 78 STL---KKQKFLQRODETKQAREFAHRLCKKKTMEQITLLQSORSEVEENIRMGV 134
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Db 385 QKLDQKQOVQVQLGELDEQKPAQLEBQLQ-EVRKCAEEAO-LISSUKAET----- 433
OY 135 GQSAVEOLAVYCVSLKKEYEMLKARKATGELADRLKKDLVSSRSKLTNTLTELDAQLE 194
   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 434 -TSQESQISSYEELKARELSRLQQTALQLESVE-----SKAQLPELQOHQLESQOE 488
OY 195 LRSQKDLQSDAQE 208
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Db 489 ISSQMRLKMDLE 502
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Search completed: September 4, 2002, 16:11:03  
Job time: 7602 sec

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